

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(gas with monomer with beam) and (cluster with ion with beam)	JPO	ADJ	ON	2010/06/25 13:16
L2	0	(gas with monomer with beam) and (cluster with ion with beam) and (smoothing or smoothed)	JPO	ADJ	ON	2010/06/25 13:17
L3	35	(gas with monomer with beam) and (cluster with ion with beam) and (smoothing or smoothed)	US-PGPUB; USPAT	ADJ	ON	2010/06/25 13:17
L4	35	(gas with monomer with beam) and (cluster with ion with beam) and (smoothing or smoothed) and (ar or argon or inert or noble)	US-PGPUB; USPAT	ADJ	ON	2010/06/25 13:17
S1	50	"4928291" "5328524" "5459326" "5541418" "5703377" "5725914" "5736464" "5814194" "5814562" "5821175" "5900633" "6055387" "6204201" "6207282" "6548899" "6641937" "6972459" "7396745" "7405394" "7410890" "7420189" "20010000415" "20020060381" "20050155951" "20050202657" "20050271831" "20050277246" "20060043317" "20060183235" "20060278611" "20070125747" "20070227879" "20070259605" "20080245974" "20080315128" "20090025761" "4631165" "5577092" "4273613" "4274921" "4504371" "4575546"	US-PGPUB; USPAT	OR	ON	2009/06/15 17:12

		"4575545" "4622204" "4760122" "4794087" "4816207" "4909914" "4918710" "4944961" ). pn.				
S2	1	("6375790").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/15 17:19
S3	1	("6624081").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/15 17:23
S4	9	jp-2004253437-\$.did. or jp-2003188156-\$.did. or jp-2003505867-\$.did. or jp-2001284252-\$.did. or jp02000316-\$.did. or wo- 01048794-\$.did. jp- 07058089-\$.did. or jp- 08120470-\$.did. or jp- 08293483-\$.did. or jp- 2003086865-\$.did. or wo- 03048407-\$.did. or wo- 0141181-\$.did.	DERWENT	ADJ	ON	2009/06/15 17:27
S5	1	("6858512").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/15 17:39
S6	2	09/820140.app.	US-PGPUB; USPAT	ADJ	ON	2009/09/08 17:36
S7	1	("5020411").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/03 14:03
S8	523	204/192.34.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/03/03 15:41
S9	278	204/192.34.ccls. and (angle or ngled or angling)	US-PGPUB; USPAT	ADJ	ON	2010/03/03 15:43
S10	279	204/192.34.ccls. and (angle or angled or angling)	US-PGPUB; USPAT	ADJ	ON	2010/03/03 15:49
S11	240	204/192.34.ccls. and (angle or angled or angling) and (direction or position)	US-PGPUB; USPAT	ADJ	ON	2010/03/03 15:49
S12	1	("20020068132").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/15 09:23
S13	2	((("6676989") or ("20030073314")).PN.	US-PGPUB; USPAT	OR	OFF	2010/03/15 10:26
S14	1985	cluster with ion with beam	US-PGPUB; USPAT	ADJ	ON	2010/03/15 10:41
S15	301	S14 and (sputter or sputtering)	US-PGPUB; USPAT	ADJ	ON	2010/03/15 10:41
S16	1527	S14 and (sputter or sputtering)	US-PGPUB; USPAT	ADJ	ON	2010/03/15 10:42

S17	363	S16 and ((ar or argon) with (ion or atom or monomer))	US-PGPUB; USPAT	ADJ	ON	2010/03/15 10:49
S18	237	S17 and (angle or angled)	US-PGPUB; USPAT	ADJ	ON	2010/03/15 10:50
S19	106	S16 and ((ar or argon) with (ion or atom or monomer) with cluster)	US-PGPUB; USPAT	ADJ	ON	2010/03/15 10:51
S20	237	S18 and (angle or angled)	US-PGPUB; USPAT	ADJ	ON	2010/03/15 10:51
S21	72	S19 and (angle or angled)	US-PGPUB; USPAT	ADJ	ON	2010/03/15 10:51
S22	1	("3156090").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/15 11:26
S23	1	10/346457.app.	US-PGPUB; USPAT	ADJ	ON	2010/03/15 11:26
S24	2	((("5459326") or ("6375790")).PN.	US-PGPUB; USPAT	OR	OFF	2010/03/15 11:27
S25	79	(smooth or smoothing or clean or cleaning) and (cluster with ion with beam)	JPO; DERWENT	ADJ	ON	2010/03/15 11:31
S26	4	(smooth or smoothing or clean or cleaning) and (cluster with ion with beam) and (angle or angled)	JPO; DERWENT	ADJ	ON	2010/03/15 11:31

### EAST Search History (Interference)

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6/ 25/ 2010 1:18:06 PM

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